

BEST AVAILABLE COPY

ABSTRACT OF THE DISCLOSURE

A reflective illuminating optical system on silicon, more particularly, to an illuminating optical system is provided, in which R, G, and B signals reflected from a LCoS panel (Liquid Crystal on Silicon panel) in a projection system do not pass through wire grid type PBSs (Polarized Beam Splitters) but are reflected by the wire grid type PBSs (Polarized Beam Splitters) so that astigmatism is suppressed and illuminating efficiency is improved.